

FLUOR FERNALD

Part 7 Model Construction Contract Technical Requirements

Revision 5

April 26, 2000

Originator: Mike Feller Date: _____

Technical Services: Gene Parks Date: _____

Construction Functional Area Manager: Norm Pennington Date: _____

FLUOR FERNALD

SOLICITATION NO. F-----

CONTRACT NO. FSC-----

PART 7

TECHNICAL REQUIREMENTS

FLUOR FERNALD

Part 7 Model Construction Contract Technical Requirements

NOTE: Current Revision is Shaded

REVISION:	DATE:	DESCRIPTION OF CHANGE:
0	12/03/93	Initial Issue
1	11/19/96	Addition of Current Technical Specifications
2	06/04/97	General Revision
3	01/29/98	Corrected revision and Date to Spec. 13200, Revised ACR-001 and ACR-002.
4	03/11/99	Revised section 2.1 to add Technical Specification Number for construction Technical Specifications, added Section 00015, added italicized note to the ACR,s for the CE to enter the rev. and date of the ACR=s. revised italicized notes under paragraphs 3.0 and 4.0.
5	04/26/00	Revised section 1.0 to illustrate the requested format. An example is given.

Part 7

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CONTRACT No. FSC
PART 7 - TECHNICAL REQUIREMENTS

1.0 Architectural Engineering (AE) Drawings:

The following Architectural Engineering Drawings (AE) show work to be performed on this Contract:

E

PLANT 2 COMPLEX

DRAWING NO.	DRAWING TITLE	REVISION NO.
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COMPONENT 2A - ORE REFINERY, GENERAL

02X-1450-A-00003	Architectural Plan of Ore Refinery Bldg. CI-1	3
02X-1450-A-00004	Elevations Interior Firewalls Ore Refinery Bldg. CI-11	
02X-1450-A-00101	Plan & Elevations Ore Refinery Bldg. CI-1	3
02X-5500-A-03342	Ore Refinery Plant Floor Plan	2
02X-5500-A-03343	Ore Refinery Plant Floor Plan	2
02X-5500-A-03344	Ore Refinery Plant Floor Plan	1
02X-5500-A-03345	Ore Refinery Plant Floor Plan	2
02A-1450-M-00181	Sulfuric Acid Tank F1-22 (Outside)	2
02A-1450-M-00183	Nitric Acid Measuring Tanks F1-17, 18 (Outside)	1
02A-1450-M-00216	Nitric Acid Storage Pad Tanks F1-23, 24 (Outside)	2
02A-1450-M-00217	Nitric Acid Storage Pad Tank F1-8 (Outside)	2
02A-1450-M-00229	Steam Condensate Flash Tanks F1-33, 218	1
02A-5500-M-01590	Solvent Storage/Slop Liquor Pads Equipment (Outside)	2
02A-7000-M-00558	Ore Refinery AF Feed Pad Tanks F2E-3, 4 (Outside)	3
02A-7000-M-00612	Ore Refinery Constant Head Tanks F2E-12, 13	3
02A-7000-M-00798	Slop Liquor Pad Tanks F2E-5, 6, 7, 8 (Outside)	6
02B-1450-M-00180	Weigh Tanks F1-11, 12	2
02B-1450-M-00196	Hopper After Cyclone Separator F1-205	2
02B-1450-M-00197	Entrainment Receiver Tank F1-207	2
02B-1450-M-00200	Nitric Acid Tank F1-201	1
02B-1450-M-00201	Organic Kerosene Mix Tank F1-513 (Outside)	1
02B-1450-M-00202	Water-Organic Mix Tank F1-504	1
02B-1450-M-00203	Organic Mix Tank F1-502	2
02B-1450-M-00204	Solvent Treatment Mix Tanks F1-500, 501	1
02B-1450-M-00205	Organic Kerosene Acidification Tank F1-511 (Outside)	1
02B-1450-M-00206	Stripped Organic Surge Tank F1-506	1
02B-1450-M-00210	Condensate Surge Tank F1-213	1
02B-1450-M-00213	Moisture Separators F1-210, 215	3
02B-1450-M-00219	Caustic Dissolving Tank F1-174	4
02B-1450-M-00222	Settling Tank F1-512 Solvent Storage Pad (Outside)	3
02B-1450-M-00227	Water Organic Settling Tank F1-505	1
02B-1450-M-00228	Water Organic Settling Tank F1-503	1
02B-1450-M-00229	Steam Condensate Flash Tanks F1-33, 218	1
02B-1450-M-00239	Organic Decant Tank F1-411, 222	1
02B-1450-M-00241	Organic Decant Tank F1-107	1
02B-5500-M-01538	Slop Liquor Pad Plot Plan (Outside)	0

Date:

02C-7000-M-00814	OK Liquor Pad Tanks F3-E-222, 223, 224 (Outside)	4	
02C-7000-M-00815	OK Liquor Pad Tank F3-E-225 (Outside)	4	
02C-7000-M-00926	Ore Refinery Condensate Flash Tank F3E-6	3	
02X-5500-M-01562	Slop Liquor/Solvent Storage Pads Equipment (Outside)	1	
02X-5500-M-01563	Slop Liquor/Solvent Storage Pads Equipment (Outside)	3	
02X-7000-M-00560	Ore Refinery Composite Equipment Arrangement	1	
02B-1450-P-00278	Solvent Area Equipment & Piping (Outside Pad)	4	
02B-1450-P-00279	Solvent Area Equipment & Piping (Outside Pad)	5	
02B-1450-P-00280	Solvent Area Equipment & Piping (Outside Pad)	5	
02B-1450-P-00281	Solvent Area Equipment & Piping (Outside Pad)	5	
02B-1450-P-00282	Solvent Area Equipment & Piping (Outside Pad)	3	
02B-5500-P-01543	Interplant Piping Plan	0	
02B-5500-P-01588	Solvent Storage Process Piping	0	
02B-5500-P-01589	Solvent Storage Process Piping	1	
02X-1450-P-00283	Inter Unit Piping – Process Lines	4	
02X-1450-P-00284	Inter Unit Piping – Process Lines	3	
02X-1450-P-00307	Inter Unit Piping – Piping Lines	5	
02X-1450-P-00376	Inter Unit Piping – Service Lines	6	
02X-1450-P-00376	Inter Unit Piping – Service Lines	6	
02X-1450-P-00377	Inter Unit Piping – Service Lines	4	
02X-1450-P-00377	Inter Unit Piping – Service Lines	1	
02A-5500-S-01684	Settling Pit – North Corner of 2 nd & A Street	1	
02A-5500-S-01691	Settling Pit – North Corner of 2 nd & A Street	0	
02A-5500-S-02747	Nitric Acid Storage Pad Plan (Outside)	3	
02A-7000-S-00576	SL/AF Feed Pad Foundation (Outside) Acid Brick	3	
02A-7000-S-00586	SL/AF Feed Pad Foundation (Outside) Acid Brick	6	
02A-7000-S-00599	SL/AF Feed Pad Foundation (Outside) Acid Brick	1	
02B-1450-S-00423	Tank F1-512 Structural Steel (Outside)	0	
02B-7000-S-00669	Solvent Treat/Kerosene Wash Pad (Outside)	1	
02X-1450-S-00021	Ore Refinery Structural Steel	4	
02X-1450-S-00037	Ore Refinery South Side Enclosures (5) Elevations	0	
02X-5500-S-01564	Slop Liquor Pad Foundation (Outside) Acid Brick	4	
02X-5500-S-01565	Slop Liquor Pad Foundation (Outside) Acid Brick	1	
02X-5500-S-01566	Slop Liquor Pad Foundation (Outside) Acid Brick	3	
02X-5500-S-01567	Solvent Storage Pad Foundation (Outside)	3	

2.0 Architectural Engineering (AE) Specifications:

2.1 The following AE Specifications specify work to be performed on this Contract.

2.1 Fluor Fernald Engineering Specifications and Administration Contract Requirements:

The Following Fluor Fernald Engineering Specifications and Administration Contract Requirements specify work to be performed on this Contract.

(NOTE: The CE should edit the following Spec. Sections and ACR's list for each Contract document to insure that only those documents that apply to the Contract are listed and incorporated into the Contract) and record the current revision number and dates:.

Specification 2500-TS-0011

Section Number	Title	<u>Revision</u>	<u>Date</u>
00015	Preparation and Issuance of Redline Drawings		
11010	HEPA Vacuum Cleaner Requirements		
13200	Rolloff Box		
15860	HEPA Air Filtration Devices Requirements		

Administrative Contractor Requirements

During the IFB/RPF preparation the CE shall request the current revision numbers and dates of the ACR=s from Project Document Control and enter them in here.

<u>Number</u>	<u>Title</u>	<u>Revision</u>	<u>Date</u>
ACR-001	Contract Submittal Requirements		
ACR-002	Contractor Safe Work Plan Format Requirements		
ACR-003	Contractor Fire Extinguisher Inspection Requirements		
ACR-004	Contractor Ladder Inspection Requirements		
ACR-005	Contractors Disposable Anti-Contamination Clothing Requirements		
ACR-006	Contractor Portable Structures		
ACR-007	Waste Material Handling Criteria for Construction Projects		

3.0 Reference Information:

Date:

The following is reference information showing data relative to this Contract for use by the Contractor, and can be found as a separate attachment.

(NOTE: The CE should list all pertinent data that supports the bid process, project execution and insure it is incorporated into the Contract document)

<u>Data Number</u>	<u>Title</u>	<u>Revision</u>
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4.0 Reference Drawings:

The following reference drawings for this Contract are to be used by the Contractor, and can be found as a separate attachment.

(NOTE: The CE should list all the reference drawings that supports the bid process, project execution and insure they are incorporated into the Contract document)

<u>Attachment No.</u>	<u>Title</u>	<u>Revision</u>	<u>Date</u>
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Date: